

New Divisional of  
09/725,498  
Filed November 30, 2000

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the title as follows:

QUALITY CONTROL AND SUPPORT METHOD FOR ANALYZER, QUALITY CONTROL METHOD, AND DEVICE THEREFOR.

Please insert the following paragraph on page 1, between lines 2 and 3:

-- This is a divisional application of Application No. 09/725,498, filed November 30, 2000. --.

Please replace the paragraph beginning at page 1, line 5 with the following rewritten version:

-- The present invention relates to quality control in, and technology for facilitating support of, analyzers. --

Please replace the paragraph beginning at page 2, line 18 with the following rewritten version:

-- In order to carry out external quality control, however, the same quality control substance has to be sent from a statistical tallying center to each facility; the quality control substance has to be assayed at each facility; those assay results ("sample data" hereinafter) have to be sent from each facility to the statistics center; and the sample data has to be tallied by the statistics center. This means that the facilities first learn of the external quality control results when the tally is sent back from the statistics center. From the time the quality control substance is sent out until the time the tally is returned routinely takes one to two months. Sometimes it is necessary to wait until the statistics center accumulates a set number of sample data returns. --

Please replace the paragraph beginning at page 17, line 12 with the following rewritten version:

-- The processing unit **12** performs support process and QC process, using the user control database **14**. The support process displays predetermined error log at the control device, making it possible to find the cause of the trouble. Fig. 8 through **11** show display

examples of the error log output by the processing unit 12. These display examples are shown on the display unit 17. The QC process makes possible real time external quality control at the analyzer. Fig. 14 and 15 show examples of Web pages for tally results created by the QC process. These examples will be discussed in detail below. --

Please replace the paragraph beginning at page 18, line 19 with the following rewritten version:

-- An analyzer 2 has an analysis unit 21, a communications interface 23, an e-mail server 24, a user side remote control unit (user side) 25, a WWW browser 26, a patient masking unit 27 and a control unit 28. --

Please replace the paragraph beginning at page 19, line 16 with the following rewritten version:

-- The control unit 28 controls the operations of the analysis unit 21 and of the other constituent elements of the analyzer 2 user terminal 22. --

Please replace the paragraph beginning at page 24, line 6 with the following rewritten version:

-- In Step S5, the processing unit 12 temporarily saves the received operational information. This is for use for in the support process, which is discussed below. In the support process, for example, operational information from each analyzer 2 until 00:00 midnight, when the date changes, is stored; when the time reaches 00:00, operational history is created based on the operational information received that day. --

Please replace the paragraph beginning at page 27, line 2 with the following rewritten version:

-- Fig. 6 is a flowchart showing the flow of the QC process the control device analyzer 1 performs. In the above-discussed main process, when the control device 1 receives sample data from any analyzer 2, the control device 1 performs the following QC process. In other words, it tallies sample data including newly received sample data, and updates the Web page for each analyzer using the new tally results. --

Please replace the paragraph beginning at page 29, line 15 with the following rewritten version:

-- The control device analyzer 1 performs other processes in addition to main process, support process and QC process. --

Please replace the paragraph beginning at page 30, line 10 with the following rewritten version:

-- In Step S41, the control unit 28 monitors the operational conditions of the analysis unit 21 and determines whether error information has occurred or not. If the determination is "Yes," then Step S41 S42 ensues. If "No," then Step S44, explained later, ensues. --

Please replace the paragraph beginning at page 31, line 19 with the following rewritten version:

-- In Step S48, the control unit 28 awaits for operational information showing the operational conditions of the control device 1 other than error information. Operational information other than error information can include number of times operated, operation program, set-up conditions and the like. When operational information arises, operations proceed to Step S49 S52 ensues. In all other cases, the process flow proceeds returns to Step S50 S41. --

Please replace the paragraph beginning at page 32, line 5 with the following rewritten version:

-- In Step S50, the control unit 28 determines whether instructions have been given for completion of the analyzer. If the determination is "No Yes," then the operations return to Step S41 S49 ensues. If "Yes No," then Step S51, described later, ensues.